

Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**



(use as many sheets as necessary)

Sheet 1 of 3

**Complete if Known**

Application Number	Unassigned (New Application)
Filing Date	August 5, 2003
First Named Inventor	William F. McKay
Group Art Unit	3738
Examiner Name	Unassigned
Attorney Docket Number	4002.3365

**U.S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date	Name of Patentee or	Pages, Columns, Lines where
		Number-Kind Code <sup>3</sup> (if known)	MM-DD-YYYY	Application of Cited Document	Relevant Passages or Relevant Figures Appear
		3,867,728	02-25-1975	Stubstad	
		4,375,810	03-08-1983	Belykh	
		4,501,269	02-26-1985	Bagby	
		4,863,476	09-05-1989	Shepperd	
		4,878,915	11-07-1989	Brantigan	
		4,919,666	04-24-1990	Buchhorn	
		4,961,740	10-09-1990	Ray	
		5,015,247	05-14-1991	Michelson	
		5,055,104	10-08-1991	Ray	
		5,141,510	08-25-1992	Takagi	
		5,207,710	05-04-1993	Chu	
		5,219,363	06-15-1993	Crowninshield	
		5,258,029	11-02-1993	Chu	
		5,298,254	03-29-1994	Prewett	
		5,336,223	08-09-1994	Rogers	
			5,348,026	09-20-1994	Davidson
		5,390,683	02-21-1995	Pisharodi	
		5,397,364	03-14-1995	Kozak	

Examiner Initials <sup>1</sup>	Cite No. <sup>2</sup>	Foreign Patent Document Country Code <sup>4</sup> -Number <sup>5</sup> -Kind Code <sup>6</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>7</sup>
		DE 19630256	07-1996	Ulrich et al.		
		<del>DE 4409836A</del>	<del>09-28-1995</del>		No Copy	
		EP 0732093A	09-18-1996			
		EP 0577179A	01-05-1994			
		FR 2712486A	05-24-1995			
		WO 91/11148	08-08-1991			
		<del>WO 91/06266A</del>	<del>05-16-1991</del>		No Copy	
	WO 92/14423	09-03-1992				

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		Number-Kind Code <sup>2</sup> (if known)			
		5,423,816	06-13-1995	Lin	
		5,423,817	06-13-1995	Lin	
		5,433,718	07-18-1995	Brinker	
		5,443,515	08-22-1995	Cohen	
		5,520,923	05-28-1996	Tjia	
		5,571,184	11-05-1996	DeSatnick	
		5,584,877	12-17-1996	Miyake	
		5,584,880	12-17-1996	Martinez	
		5,618,286	04-08-1997	Brinker	
		5,645,598	07-08-1997	Brosnahan	
		5,676,699	10-14-1997	Gogolewski	
		5,693,100	12-02-1997	Pisharodi	
		5,766,253	06-16-1998	Brosnahan	
		6,146,420	11-14-2000	McKay	
		6,306,170	10-23-2001	Ray	

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		Country Code <sup>4</sup> -Number <sup>5</sup> -Kind Code <sup>6</sup> (if known)				
		WO 94/07441	04-01-1994			
		WO 95/17861A	07-06-1995			
		WO 95/25485A	09-28-1995			
		WO 95/00082	01-05-1995			
		WO 96/40014A	12-19-1996			
		WO 97/23174A	07-03-1997			
		WO 98/04217A	02-05-1998			

Examiner Signature		Date Considered	12/6/04
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